

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No.: 10/713,472 Art Unit: 1647

Filed: November 14, 2003 Examiner: Daniel C. Gamett

For: *GUIDED DEVELOPMENT AND SUPPORT OF HYDROGEL-CELL COMPOSITIONS*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. § 1.56 and 37 C.F.R. § 1.97, Applicants submit an Information Disclosure Statement, including two (2) pages of Form PTO-1449 and copies of seven (7) documents cited therein. Cited German patent DE 43 06 661 A1 corresponds to U.S. Patent 5,891,455 which is cited below. Cited German patent DE 44 31 598 A1 corresponds to U.S. Patent 5,891,455 which is cited below. Cited PCT Application WO97/15655 corresponds to U.S. Patent 5,932,459 which is cited below.

Pursuant to the waiver in the notice entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003" published on August 5, 2003 in 1273 OG 55, copies of the two (2) cited U.S. Patents are not enclosed. However, copies will be provided upon request.

U.S.S.N.: 10/713,472  
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SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(c) after a first Office Action on the merits after the filing of a Request For Continued Examination. It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 50-3129.

**Certification Under 37 C.F.R. § 1.97 (e)(2)**

Each item of information listed below this certification in this Supplemental Information Disclosure Statement was not cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, each item listed below was not known to any individual designated in § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

**U.S. Patents**

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
5,891,455	04-06-1999	Sittinger, et al.	424/426
5,932,459	08-03-1999	Sittinger, et al.	435/180

**Foreign Documents**

<u>Number</u>	<u>Publication Date</u>	<u>Patentee</u>	<u>Country</u>
43 06 661	09-08-1994	Sittinger, et al.	DE
44 31 598	03-07-1996	Sittinger, et al.	DE
WO 97/15655	05-01-1997	Sittinger, et al.	PCT

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### Publications

HAISCH, et al., "Tissue engineering humanen Knorpelgewebes fur die rekonstruktive Chirurgie unter Verwendung biokompatibler resorbierbarer fibringel- und polymervliesstrukturen, *HNO*, 44:624-9 (1996) (Abstract).

SITTINGER, "Tissue engineering: kunstlicher gewebeersatz aus vitalen komponenten" *Laryngo-Rhino-Otol.*, 74: 695-6 (1995) (Abstract).

SITTINGER, et al., "Tissue engineering and autologous transplant formation: practical approaches with resorbable biomaterials and new cell culture techniques", *Biomaterials*, 17(3):237-42 (1996).

WAKITANI, et al., "Mesenchymal cell-based repair of large, full-thickness defects of articular cartilage", *J. Bone Joint Surg. Am.*, 76(4):579-92 (1994).

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**Remarks**

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,

/ Patrea L. Pabst /

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